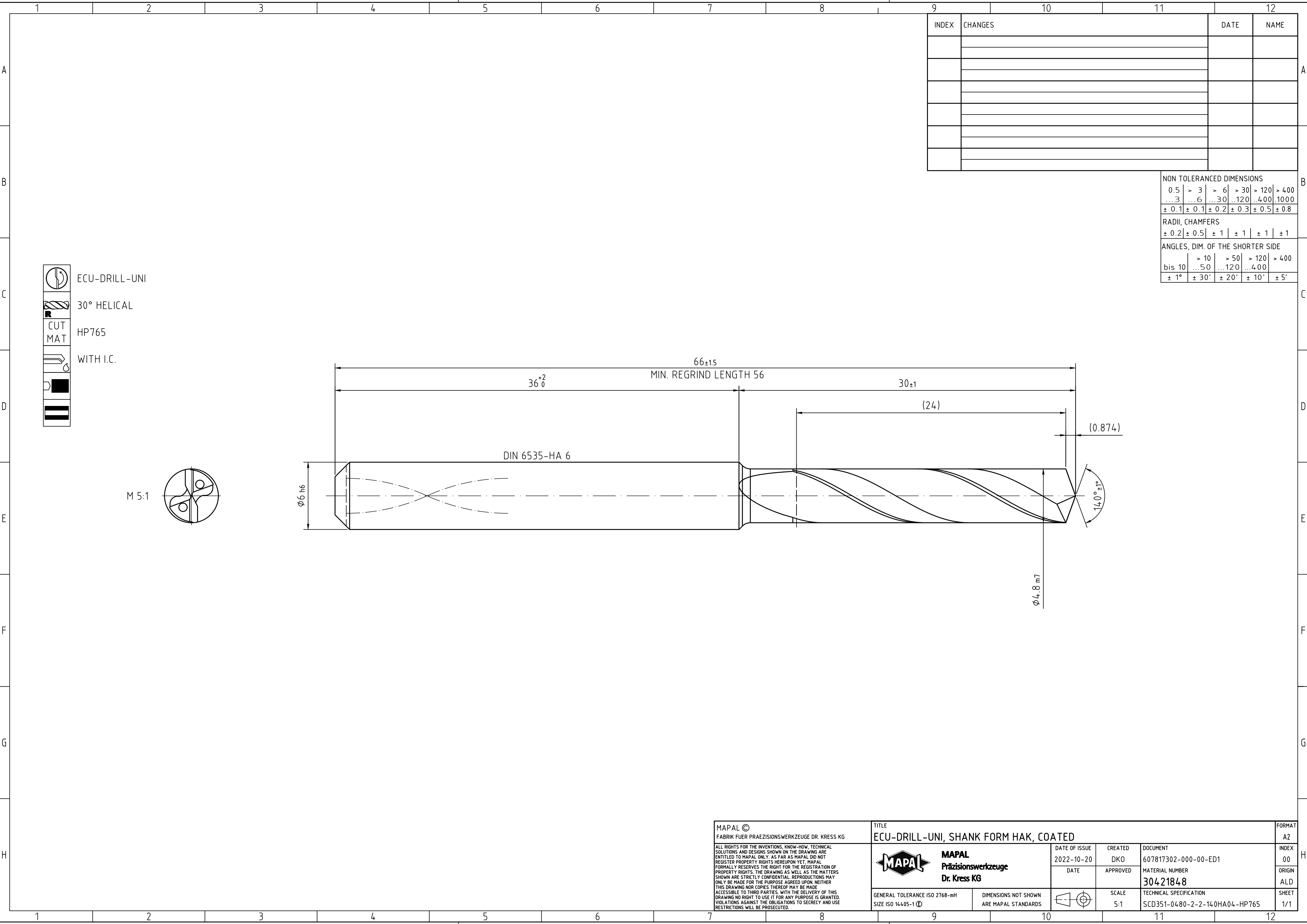
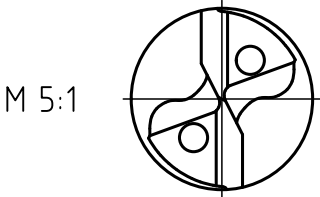




- ECU-DRILL-UNI
- 30° HELICAL
- HP765
- WITH I.C.



| INDEX | CHANGES | DATE | NAME |
|-------|---------|------|------|
|       |         |      |      |
|       |         |      |      |
|       |         |      |      |
|       |         |      |      |
|       |         |      |      |
|       |         |      |      |
|       |         |      |      |

| NON TOLERANCED DIMENSIONS        |        |        |        |        |         |
|----------------------------------|--------|--------|--------|--------|---------|
| 0.5                              | > 3    | > 6    | > 30   | > 120  | > 400   |
| ...3                             | ...6   | ...30  | ...120 | ...400 | ...1000 |
| ± 0.1                            | ± 0.1  | ± 0.2  | ± 0.3  | ± 0.5  | ± 0.8   |
| RADII, CHAMFERS                  |        |        |        |        |         |
| ± 0.2                            | ± 0.5  | ± 1    | ± 1    | ± 1    | ± 1     |
| ANGLES, DIM. OF THE SHORTER SIDE |        |        |        |        |         |
| bis 10                           | > 10   | > 50   | > 120  | > 400  |         |
| ...50                            | ...120 | ...400 |        |        |         |
| ± 1°                             | ± 30'  | ± 20'  | ± 10'  | ± 5'   |         |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                       |                                                     |                                             |                                                                                       |               |                                                          |              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|---------------------------------------------|---------------------------------------------------------------------------------------|---------------|----------------------------------------------------------|--------------|
| MAPAL ©<br>FABRIK FUER PRAEZISIONSWERKZEUGE DR. KRESS KG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                       | TITLE<br>ECU-DRILL-UNI, SHANK FORM HAK, COATED      |                                             |                                                                                       |               | FORMAT<br>A2                                             |              |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                       | DATE                                                | APPROVED                                    | MATERIAL NUMBER<br>30421848                                                           | ORIGIN<br>ALD |                                                          |              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                       | GENERAL TOLERANCE ISO 2768-mH<br>SIZE ISO 14405-1 Ⓢ | DIMENSIONS NOT SHOWN<br>ARE MAPAL STANDARDS |  | SCALE<br>5:1  | TECHNICAL SPECIFICATION<br>SCD351-0480-2-2-140HA04-HP765 | SHEET<br>1/1 |